



EP0598338

Biblio

Desc

Claims


Page 1



## Process for the preparation of 1,3 - difluorobenzene.

Patent Number: EP0598338  
Publication date: 1994-05-25  
Inventor(s): PAPENFUHS THEODOR DR (DE); SCHACH THOMAS DR (DE)  
Applicant(s): HOECHST AG (DE)  
Requested Patent: ☐ EP0598338, B1  
Application Number: EP19930118284 19931111  
Priority Number(s): DE19924238864 19921118  
IPC Classification: C07C17/00; C07C25/13  
EC Classification: C07D213/61, C07C17/23  
Equivalents: CA2103303, ES2101925T, JP6228025, ZA9308576  
Cited patent(s): US5091580; US2725405; JP3077836

### Abstract

1,3-Difluorobenzene is prepared by catalytic elimination of halogen from a 1,3-difluorohalobenzene by reacting a 1,3-difluorohalobenzene of the formula (1)  in which R<1> to R<4> denote H, Cl or Br and at least one of the radicals R<1> to R<4> stands for Cl or Br, in the presence of a palladium catalyst and of an amine, if appropriate in the presence of water or of an organic solvent which is inert to the reactants and the reaction conditions, with hydrogen under pressure and at temperatures from about 70@ to about 140@C.

Data supplied from the esp@cenet database - I2